RIYAZ FAIZULLABHOY

http://riyazdf.github.io • 650.464.1216 • riyazdf@gmail.com

EDUCATION:

8/11 – 12/14   **University of California, Berkeley**   Berkeley, CA
- B.S. Electrical Engineering and Computer Science (EECS)
- Major GPA: 4.00; EECS Honors Degree Program Member; Highest Honors; Phi Beta Kappa

ACADEMIC EXPERIENCE:

2/14 – 12/14   **Intel Science and Technology Center for Secure Computing – Researcher**   Berkeley, CA
- Developed a feature extraction analysis module using Apache Spark on malware data collected by VirusTotal and a leading industry partner in iPython, running in parallel on a research cluster

8/13 – 12/14   **UC Berkeley EECS Department – Undergraduate Teaching Assistant**   Berkeley, CA
- Organized, prepared, and lead multiple weekly hour-long discussion sections for machine structures (CS 61C Fall 2013, Fall 2014) and operating systems (CS 162 Spring 2014). Synthesized course content, including discussion and lab material, homeworks, projects, and exams

12/12 – 12/14   **Eta Kappa Nu Officer – President Fall 2014**   Berkeley, CA
- Lead one of the most active Eta Kappa Nu (EECS Honor Society) chapters in weekly meetings, refining pre-existing services such as free tutoring and providing new services to the EECS community
- Organized communications and logistics for the IEEE-HKN Student Leadership Conference, held in Berkeley in March 2015 with over 200 registrants and industry leading sponsors and speakers
- Also served as Tutoring officer (Spring 2013, Fall 2013) and Department Relations (Spring 2014)

6/12 – 6/13   **Lab for Mathematical and Computational Biology – Researcher**   Berkeley, CA
- Added tools to the eXpress DNA and RNA high-throughput sequencing tool and manipulated data using the PySam/Samtools API

INDUSTRY EXPERIENCE:

6/15 – Now   **Facebook – Software Engineering Intern: Places Entities Team**   New York, NY
- Building machine learning pipelines with Hive to classify, and cluster duplicate places in Facebook's large-scale graph of user-generated and imported places

1/15 – 4/15   **Square – Security Engineering Intern: Security Infrastructure Team**   San Francisco, CA
- Worked on adding features to and open sourcing Keywhiz, Square's secret management system. Also developed and open sourced certstrap, a tool written in Go to easily bootstrap a PKI infrastructure

5/14 – 8/14   **LinkedIn – Software Engineering Intern: Higher Education Team**   Mountain View, CA
- Built features from multiple levels of the stack for the notable alumni and field of study pages in a Scrum environment, from offline Pig jobs, to Java services to client-side templates, styling, and Javascript

5/13 – 8/13   **Qualcomm – Software Engineering Intern: Target SW Team**   San Diego, CA
- Designed and implemented features for an Android application using the Android SDK and NDK to test all aspects of the newest Qualcomm Snapdragon chipsets, awarded a Diamond QualStar award for excellent intern work

SKILLS AND INTERESTS:

Proficient in: Python, Java, C, MATLAB, Hadoop, Spark, Go
Experience with: Android SDK, Hive, Pig, Javascript, SQL, CSS, Git, Ant, Maven, Travis CI
Interests: Security, machine learning, distributed systems, international travel